

For Research Use Only

PHF8 Polyclonal antibody

Catalog Number: 29516-1-AP

1 Publications



Basic Information

Catalog Number: 29516-1-AP	GenBank Accession Number: NM_001184896	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 23133	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9UPP1	
Isotype: IgG	Full Name: PHD finger protein 8	
Immunogen Catalog Number: AG30701	Calculated MW: 118 kDa	
	Observed MW: 125-135 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : A431 cells, HeLa cells, Jurkat cells IHC : human colon cancer tissue,
Cited Applications: WB, IHC, IF	
Species Specificity: Human	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Plant homeodomain finger protein 8 (PHF8) is a JmjC domain-containing protein. PHF8 is localized in the nucleolus and may regulate rRNA transcription. As a member of the KDM7 subfamily of enzymes, PHF8 is involved in demethylation of lysine residues in histones such as H3K27me2/1, H3K9me2/1 and H4K20me1. PHF8 has been reported to participate in cancer development and metastasis of various types of tumors(PMID: 33111613). PHF8 has 5 isoforms produced by alternative splicing(Uniprot).

Notable Publications

Author	Pubmed ID	Journal	Application
Tianyou Kan	39156637	iScience	WB,IHC,IF

Storage

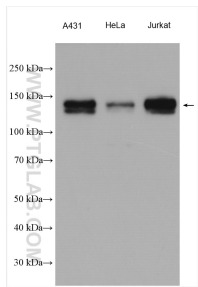
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

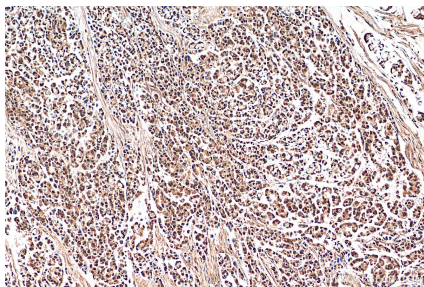
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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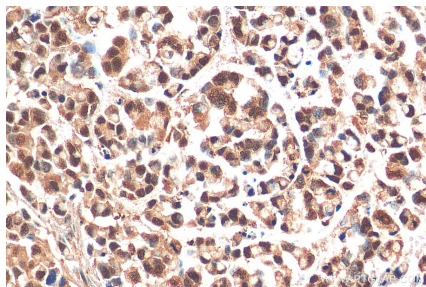
Selected Validation Data



A431 cells were subjected to SDS PAGE followed by western blot with 29516-1-AP (PHF8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 29516-1-AP (PHF8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 29516-1-AP (PHF8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).